

REMARKS

In further response to the final Office Action and Advisory Action, enclosed herewith is a Declaration by an Inventor.

In the Declaration, the Inventor, who is a person of skill in the art, provides statistical analysis showing that endometriosis can be diagnosed by measuring the expression of levels of HRF. In particular, the degree of reliability based on the data given in Figure A is 95%. Thus, the Declarant indicates that the claimed invention is enabled.

Also, it is noted that in the Advisory Action, the Examiner noted that no statistical analysis was previously given and that in view of the cited art, it is therefore unclear if there is a correlation between gene expression and disease in this case. Applicants respectfully note that the statistical analysis given in the declaration overcomes this concern.

Thus, the pending rejection should be withdrawn.

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is in condition for allowance and early notice to that effect is hereby requested.

If the Examiner has any comments or proposals for expediting prosecution, please contact the undersigned attorney at the telephone number below.

Respectfully submitted,

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